

Form PTO-1449 (Rev. 2-88) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 5853-479	APPLICATION NO.
	APPLICANT EL-SHALL	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>PAH</i>	6,632,327	10/14/03	Shall	162	29	11/29/99
	4,724,045	2/9/88	Ackel	162	29	9/3/86
	4,921,613	5/1/90	Nordberg et al.	210 210/651	<i>651</i>	12/23/88
	5,632,857	5/27/97	Larson	162	5	4/4/95
<i>PAH</i>	5,635,024	6/3/97	Shall	162	16	8/20/93

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

P.A. HRUSKOCI

DATE CONSIDERED

5/25/04

* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(Rev. 2-88)U.S. DEPARTMENT OF COMMERCE
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PAIA	6,039,189	3/21/00	Luke	209	5	1/28/98

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

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